IP Kamera 9000A Plus

User Guide

User Guide

IP Kamera 9000A
Manual version: 2.32
Date: SEP 20, 2004

Caution: Any changes or modifications not approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for FCC and CE. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in commercial environment.

Important Notice

1. IP Kamera 9000A is for indoor use. Note that the CMOS lens can be damaged permanently if the camera lense is exposed directly to sunlight. (We will not hold any responsibility if CMOS lens is damaged by sunlight)
2. IP Kamera 9000A us not water proof. Therefore we will not hold any damage responsibility if the camera is used under raining condition.
3. Be sure to use the DC adapter that is provided by your dealer. We will not hold any responsibly if wrong DC adapter is in use.
4. Be caution in handling IP Kamera 9000A for physical shocks may occur serious damage.
5. If IP Kamera 9000A does not operate properly, please contact your local dealer for after sale service. In all cases, you are prohibited to disassemble the product. If so, We does not hold any responsibility for mal-function nor service warranty

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1. Product Overview

IP Kamera 9000A is an IP camera that has a digital web server in camera. This camera can put up live image on-line and make remote locations immediately accessible through standard web browsers.
IP Kamera 9000A is equipped with cutting edge technology, includes a digital camera, web server, and optimized hardware for image compression, and physical Ethernet connection. Therefore it does not need to plug in front of computer, users can simply just plug into an internet line and start oberserving from any where in the world.

FEATURES

IP Kamera 9000A features：

1. **Embedded Web Server - No need PC for camera.**
2. **Pass image to Displays - TV, PDP, HDTV. LCD TV**
3. **Support MSN & YAHOO Messenger**
4. **Multiple Cameras Supported**
5. **Multi - video from different area.**
6. **Layout 1x1, 2x2, 3x3, 4x4**
7. **Resolution - True 640x480, 352x288, 320x240, 176x144,**
8. **Video Quality - Low, High**
9. **Color adjustment: Brightness, Contrast, Hue, and Saturation**
10. **Motion Detection - Three-Sensitivity Level.**
11. **E-mail the Detected Images to preset e-Mail address.**
12. **FTP the Detected Images to preset FTP server.**
13. **Support Network - Fixed IP, DHCP, PPPoE & DDNS.**
14. **Default HTTP Port supported-**
15. **Changed to fit different network.**
16. **Browser by Internet - IE (internet Explore) , NETSCAPE, Mozilla Firefox (LINUX).**
17. **Support Java Applet support and Active X control.**
18. **A Linux based server**
    - 10/100BT LAN supported
    - Built in JPEG Decoder
    - Motion detection
    - User able to monitor any place if select this Web Cam by using any of Internet Browser.
    - User may setup his email address in the system, let the system notice the user when an event occur
    - Provide some GPIOs for different application
19. **Support GlobalSign – no need to lower security level.**
20. **Work with MSN& Yahoo Messenger, AMCAP, and WMCAP & VIDCAP program**

2. Physical Description

BOX CONTENT

IP Kamera package content：

! 1 x *IP Kamera 9000A*

! 1 x ***Tripot***

! 1 x RJ 45 internet line

! 1 x DC Power adopter 5V, 110 ~ 240.

! 1 x CD (a. IP KAMVID program **b**. User Manual book)

! 1 x Quick Installation Guide

Minimum Requirement

- ≥300MHz Intel Pentium II and above
- Windows 98 / SE / 2000 / ME / XP, or LINUX, MAC system
- ≥64MB memory
- VGA Card：support Hi - Colors and above and direct draw
- Internet card - RJ 45 (CAT 5)
- Internet Hub
- Internet ：one set of IP provided by your ISP

  EX: xxx.xxx.xxx.xxx

3. Panel Description

Front Panel:

1. Power indicator (blue LED)
2. Lens (CMOS)

Back Panel: from left to right:

Note: The Microphone Input support only audio from microphone. If input audio from other audio device, the audio volume would be noise or over volume.

4. Installation

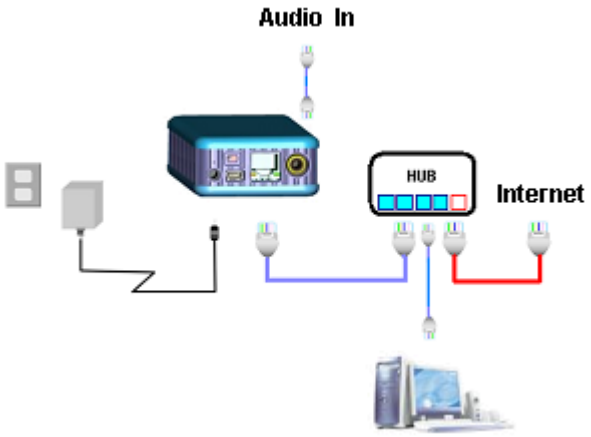
Before using IP Kamera 9000A, follow bellow:

Before installation:

- Reconfirm your package content
- A Hub
- Electricity 110 ~ 240 V

Hardware installation

1. Plug in IP Kamera 9000A (Power) 2. Plug in RJ 45 line to a HUB
3. Connect the other way to the computer
4. Connect your Hub into your modem 5. Turn you computer on

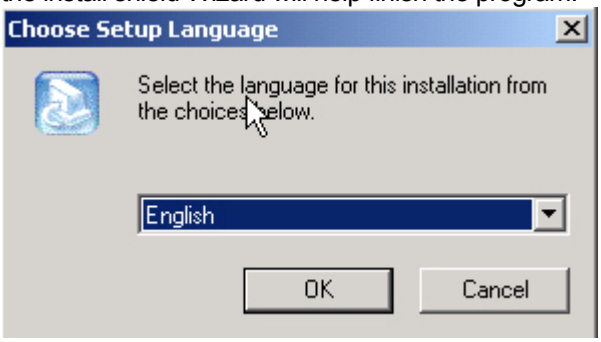


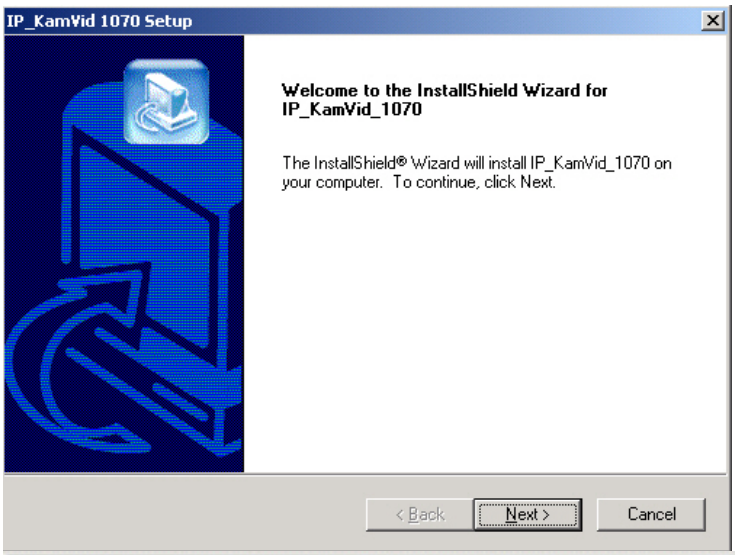
SOFTWARE INSTALLER

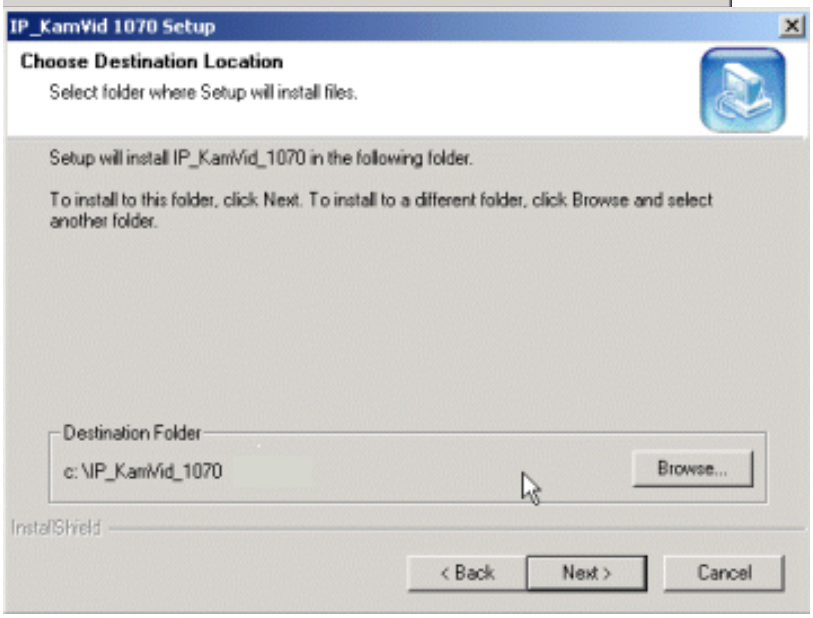
1. IP_ KAM VID_ 1070

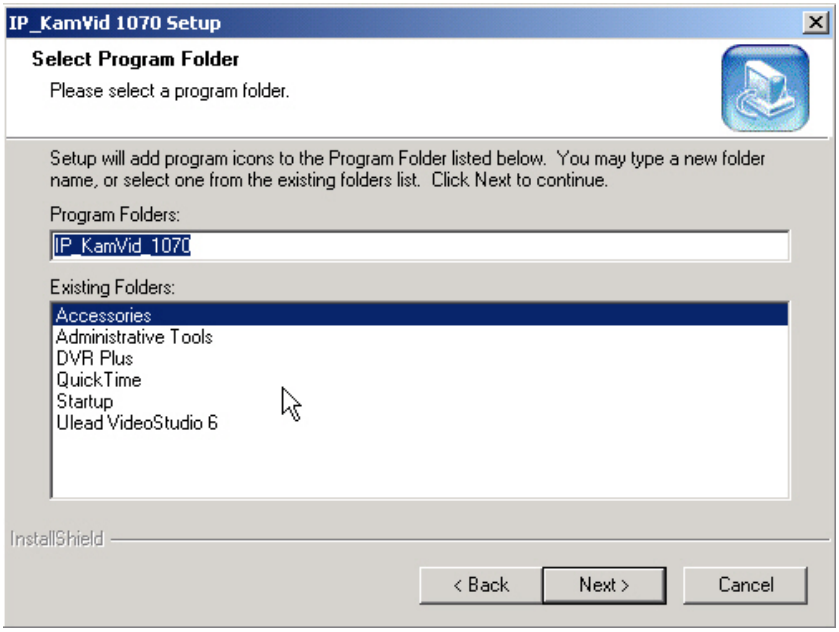
After connecting the power and RJ 45 line, following the steps below to install the software.

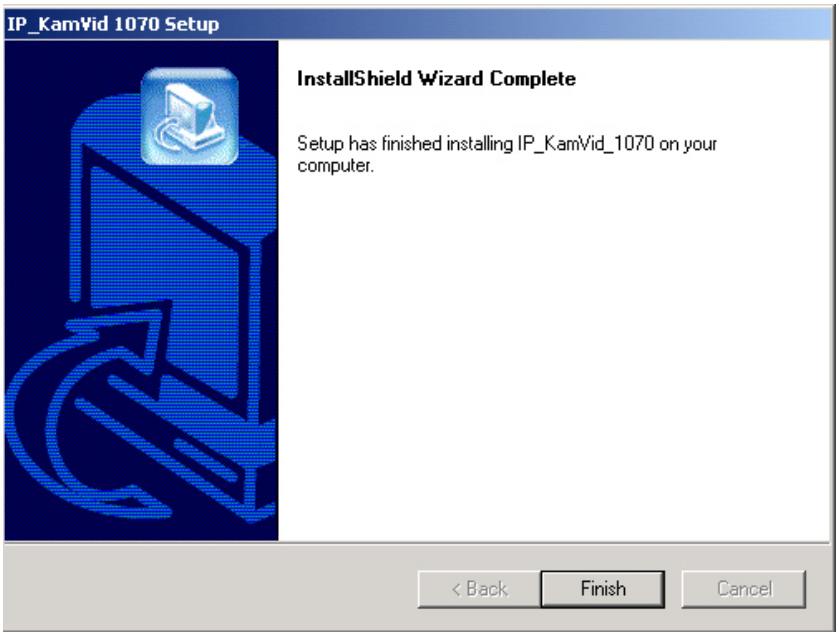
Step 1: Install IP KAM by executes Setup.exe in the CD; choose setup language and the install shield Wizard will help finish the program.




IP_KamVid 1070 Setup
Welcome to the InstallShield Wizard for IP_KamVid_1070
The InstallShield® Wizard will install IP_KamVid_1070 on your computer. To continue, click Next.
< Back
Next >
Cancel

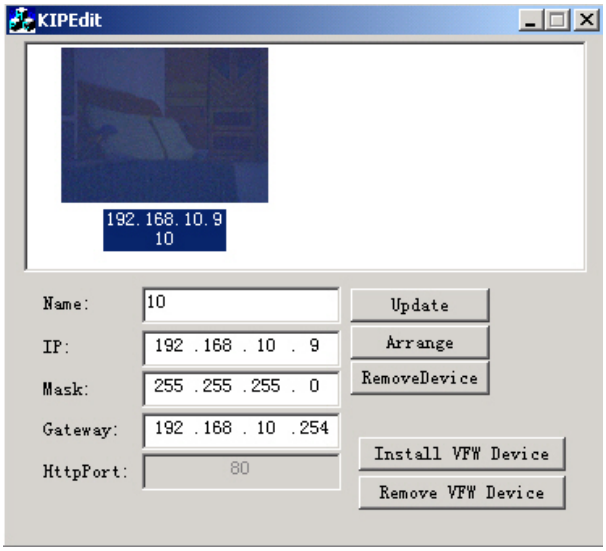

IP_KamVid 1070 Setup
Choose Destination Location
Select folder where Setup will install files.
Setup will install IP_KamVid_1070 in the following folder.
To install to this folder, click Next. To install to a different folder, click Browse and select another folder.
Destination Folder
c:\IP_KamVid_1070
Browse...
InstallShield
< Back
Next >
Cancel





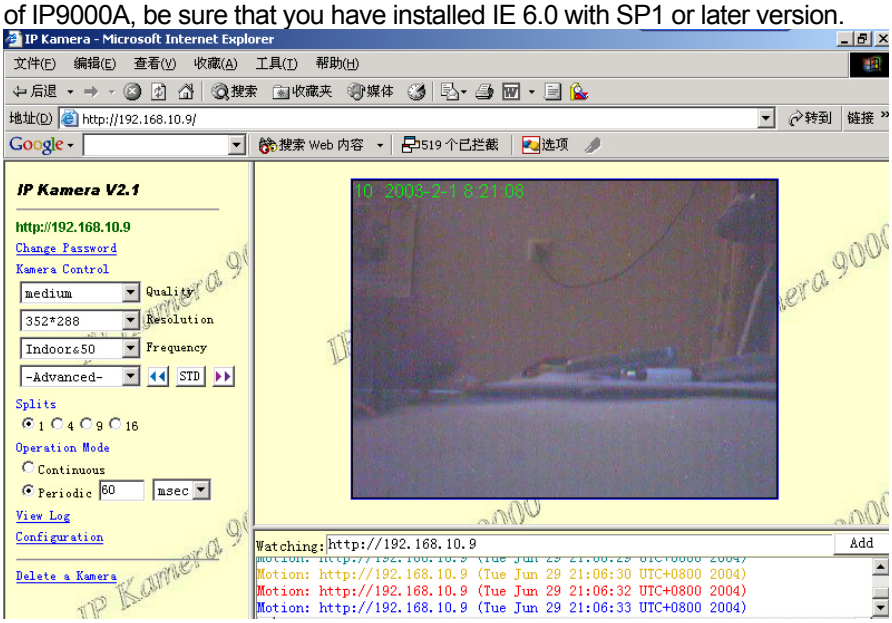
Step 2: Then you can see shortcut icon “IP KamVid 1070 “on desktop, click this icon.
Note: Be sure that the power is turn on and the RJ45 line is properly connected.

Step 3: The KIPEDIT program will detect all the active IP9000s or IP9100s in the same local Ethernet, and display the findings in the window.



Step 4: Click the one you want to set, its name, IP will be displayed below. You can change its name (please use numbers or letter) or IP (please set in the same subnet as your PC) in the text windows. Then click **Update**. After about 20 seconds, the new setting will work.

Step 5: Double click the picture in the window of **KIPEdit** or type the IP address in the IE browser, you can open the web page of IP9000A. If you cannot open the web page of IP9000A, be sure that you have installed IE 6.0 with SP1 or later version.



NOTE:

1. After you have installed IP 9000A on your PC, the IP 9000A was registered in DirectX. IP 9000A can be used as local camera by any software that supported DirectX, such as MSN, Amcap, Media encoder, Yahoo Messenger as long as you not change the directory path of ipcam's driver.

2. For those software that only supported old VFM driver, such as Vidcap and net meeting, please click **install VFM device**, then you can get the captured images from IP9000A (you should be the administrator at the first install process)

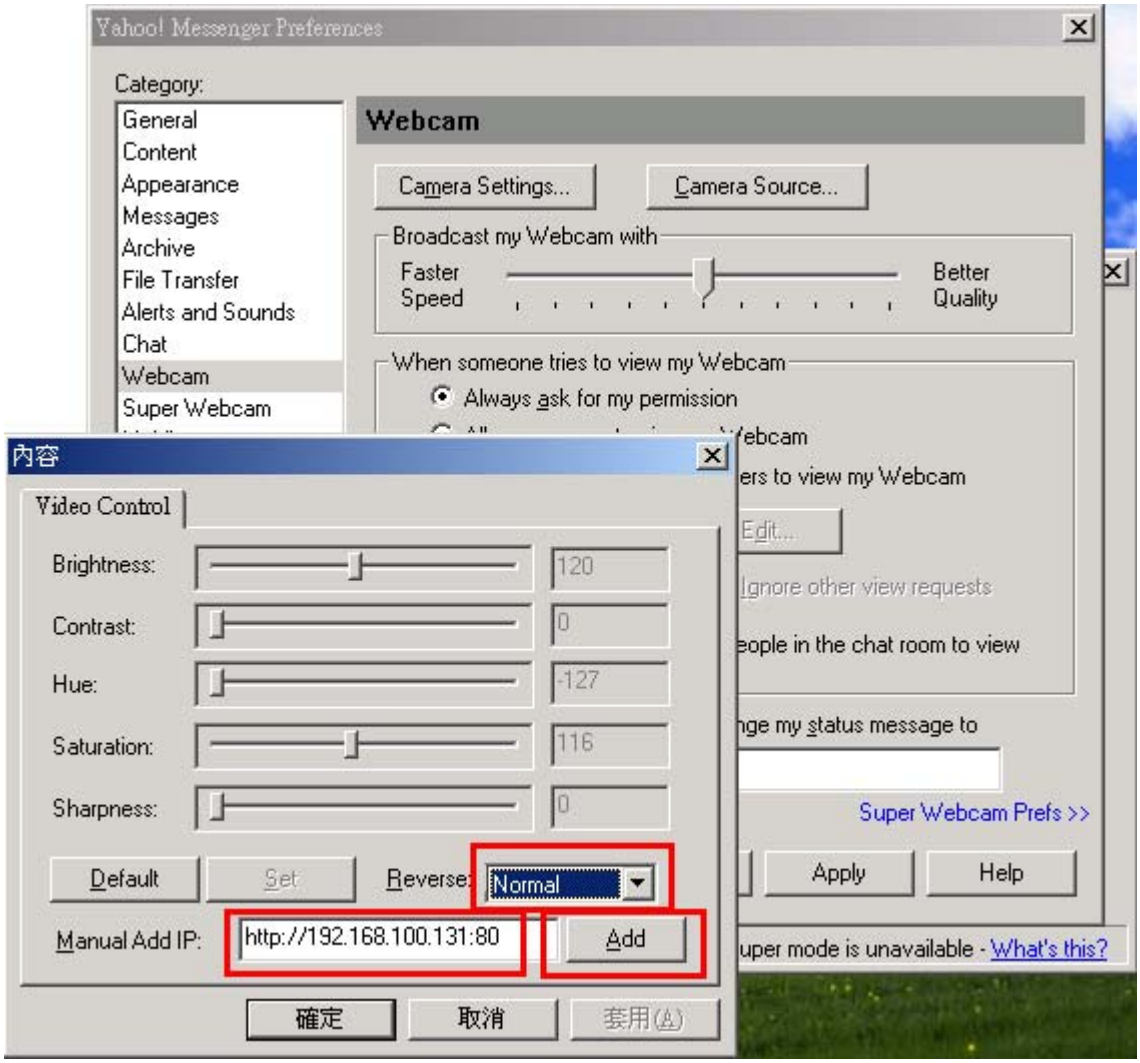
3. For those not totally compatible with VFM, such as QQ and POPO, you should click **remove device** button first, then click **install VFM device**, then you can get the captured images from IP9000A.

Work with Yahoo /MSN Messenger

1. Work with Yahoo /MSN Messenger: We use Yahoo for instance. Select the friend you would like to send your video. For instance, we pick up YahooHelper.

2. Choose Webcam then system will ask your Internet connecting speed.

3. Then My WEBCAM will jump up. Please go to “file “ → “Preference” → “Camera Setting” to select your prefer video to transfer.



4. You can type in appointed IP address (No matter Real IP or Dynamic IP) and confirm by click “Add” and choose if reverse the out streaming video.

We support
A. Normal B. Flip Vertical C. Flip Horizontal D. Rotate 180

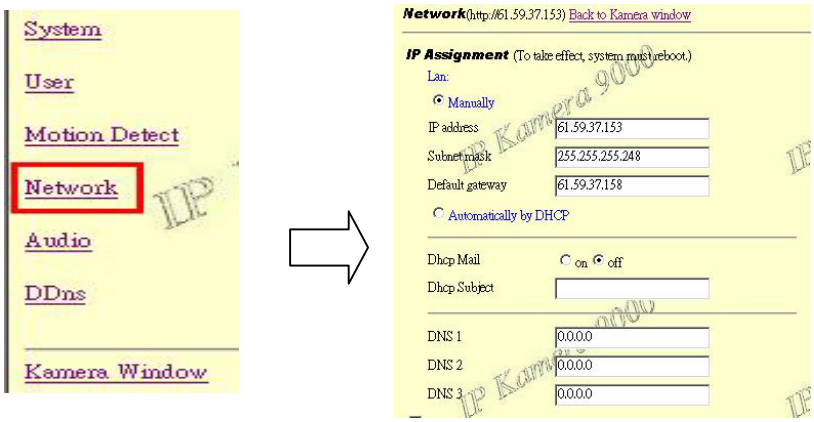
If the video is upside down, you can choose D to get rotate video.
And also adjust the video color ; Brightness, contrast, Hue, Saturation, Sharpness

Note
1 : for safety issue , as transfer video by Yahoo /MSN, only Administrator can do the video streaming. You have to type the username and password.
2 : Work with Yahoo/ MSN , the streaming speed is depend on Yahoo .MSN server.

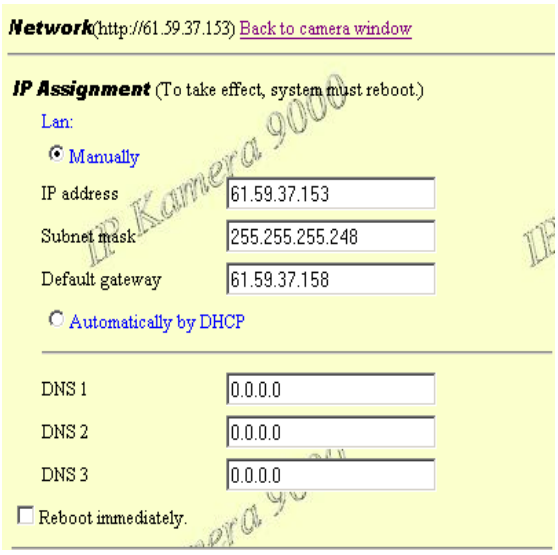
2. **INFINITELY CAM : Please refer in readme file.**

5. Network Set up

From our Network set up, users can view live video from any where in the world, with just a computer.
Click on Network set up: this area is authorized by administrator only.



1. Still IP: Provided by ISP, with this IP you can connect this address from any where in the world.

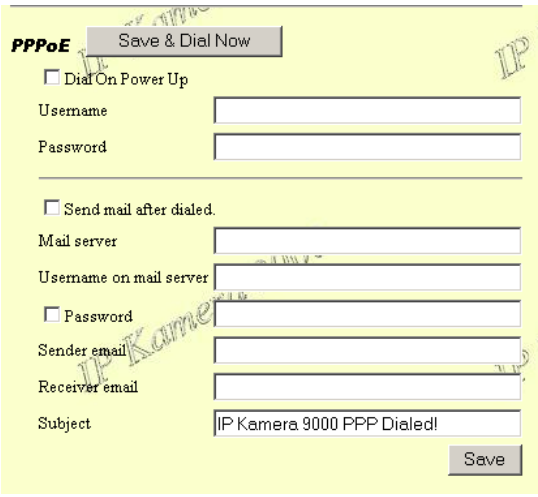


1-1 : Using Still IP: list your still IP address
1-2 : Choose “Reboot immediately”. Please close your browser and reboot again and type in your IP address once again.

If using DHCP, please choose‘ Automatically by DHCP”

*And please use KIPEdit program (Find users exact IP) that’s included in the CD ROM

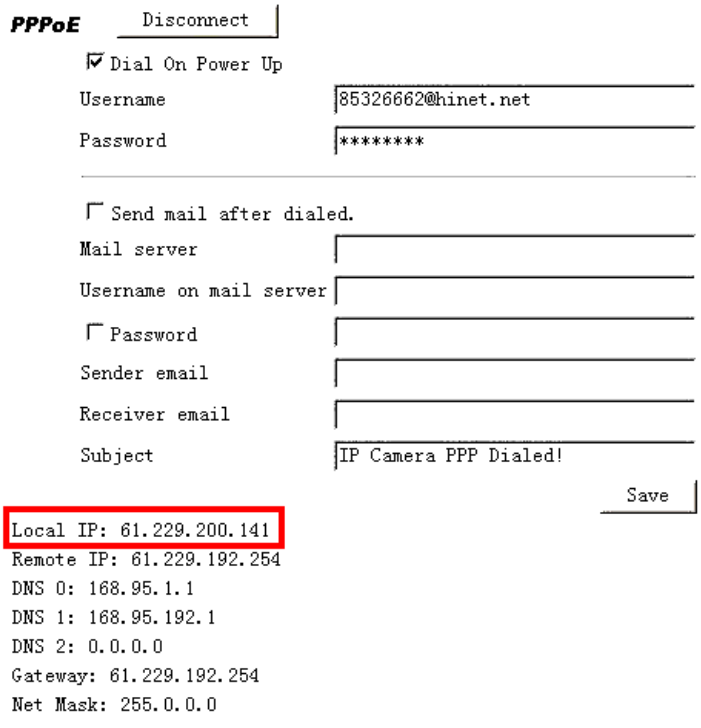
2. DHCP setup- ADSL / xDSL: ISP will provide your exact IP address, please enter your Username and password for your provider.



2-1 Enter your user name, password, mail server, mail name (pass word), sender e-mail, and receiver e-mail.

2-2 Choose Save & Dial Now, by using PPPoE it can automatically dial to your ISP, and ISP will provide exact IP address in your mail.

2-3 turn off your browser of IP Kamera 9000A and restart



6. Functions

Please refer to all the function on the left side of IP Kamera 9000A AP; most of its configuration can only be use by Administrator.

Functions:

1.IP address: Show select IP address.

2. Change Password.

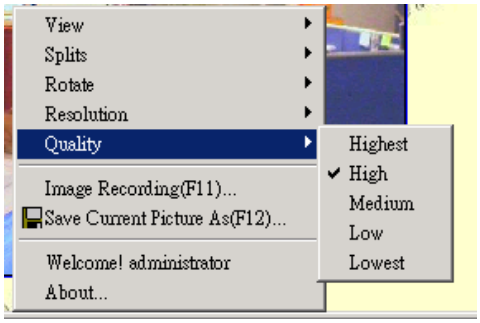
3. Kamera Control:

Picture Quality - Low, High, Medium, Clarity& Motion

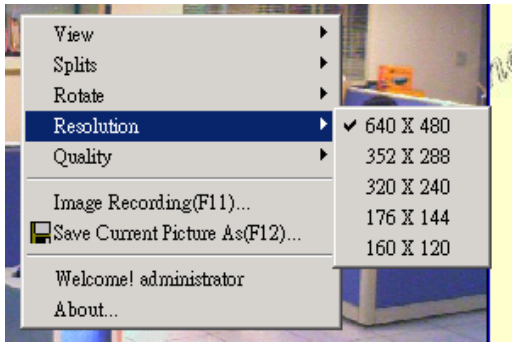
(Resolution) - 640*480,352*288,320*240,176*144,162*120

Frequency – Indoor 50, Indoor 60 & Outdoor

3-1.Picture Quality:



3-2.Resolution set up

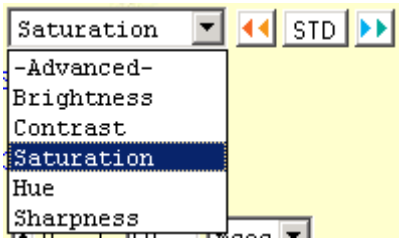


3-3: Color Adjust :

Brightness Contrast, Saturation,

Hue, Sharpness

STD is Default color

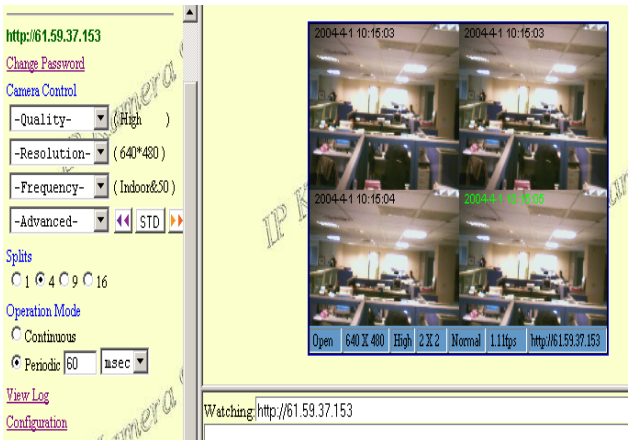


4. Image (Split) - 1x1, 2x2, 3x3, and 4x4.

Splits – Show same video in multiscreen – 1*1, 2*2, 3*3, 4*4

Note – split image are focus into a single image.

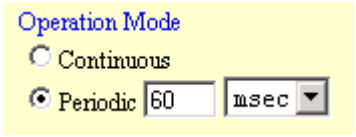
4 Video



5. Operation Mode:

Continues mode: Video will display continues

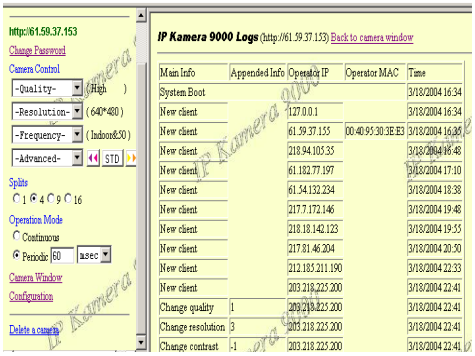
Period – Video will refresh 1 - 60 per millisecond or per second

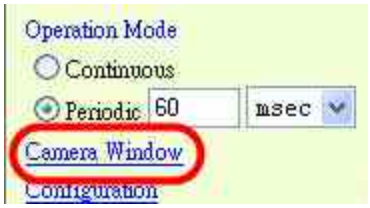


6. View Log: Check on visitors IP and status

View which IP has been visiting your Live image

Note: View/Log / Camera Window is switch

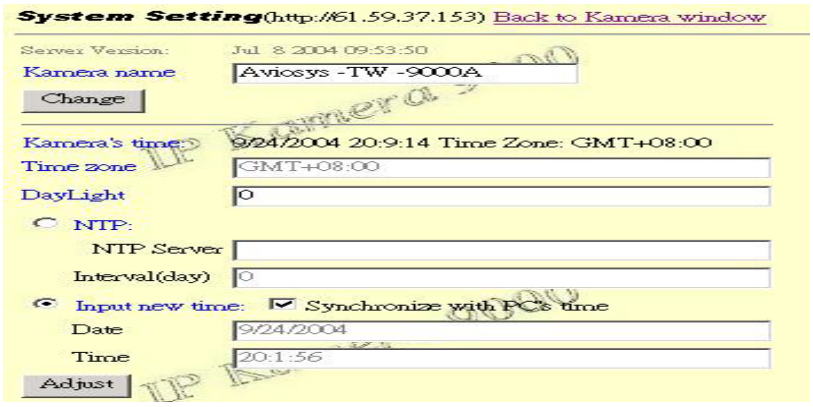




7. Configuration:

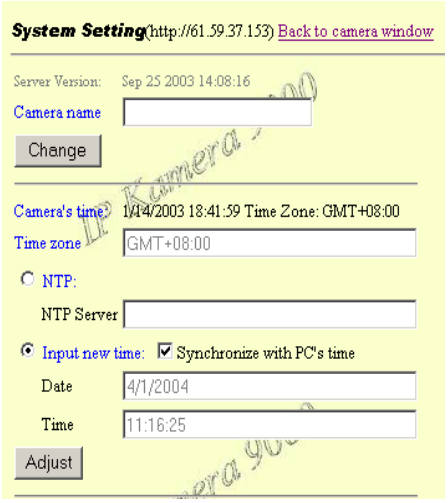
- System
- User
- Motion Detection
- Network
- Audio
- DDNS

7-1 System Set up

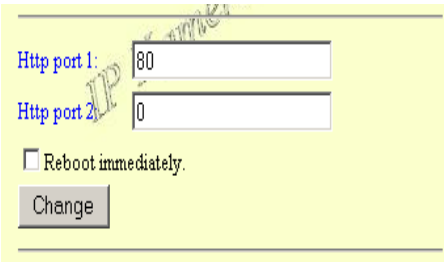


7-1-1 : Camera name, time and date setup

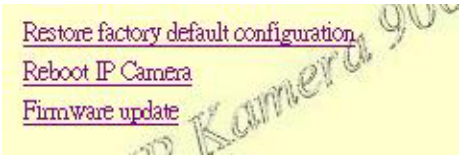
Note: maximum 18 English characyters



7-1—2 : Setup Http port

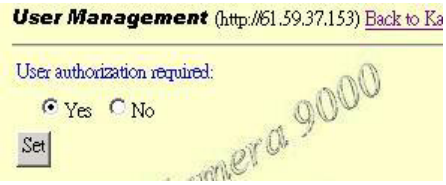


7-1-3 : Reset:
7-1-4 : Restart IP Kamera 9000A
7-1-5 : Renew its position

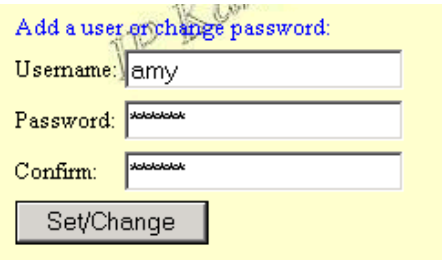


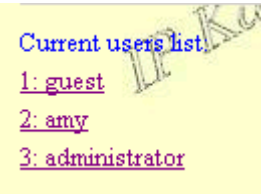
7-2 User Management: Can choose user authorization require optional

Choose if viewers need a password or not.
Yes - Viewers needs a password
No - Open to all viewer who logs in to users IP

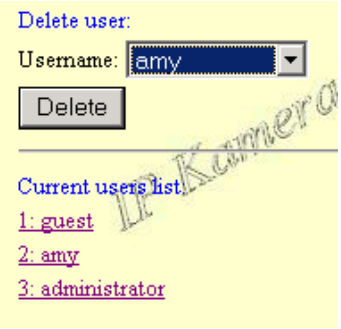


7-2-2: Add user by adding a username and a password and you can add a current users list.



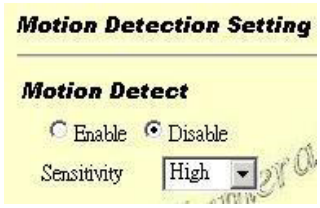


7-2-3: You can also delete a user by selecting its name and press delete.

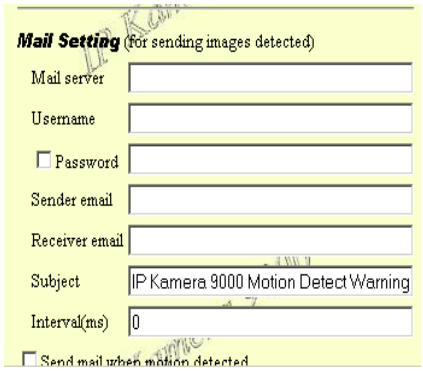


7-3: Motion detection: when motion detection is triggered, it will automatically send video or image to user E-mail or FTP site.

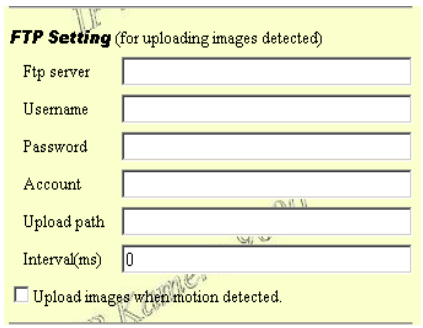
7-3-1: Choose motion detection:
Disable : No motion detection
Enable: choose – low / mid / high



7-3-1-1: Motion Detection Setup:
Fill in sender mail and receiver mail.



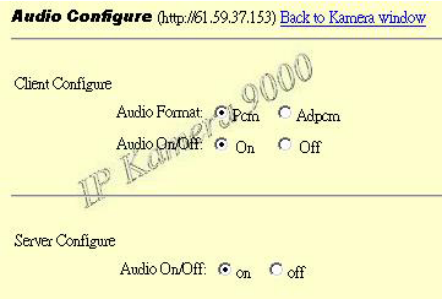
7-3-1-2: When send to FTP, please fill in its FTP server address, user name, password, account and upload path, and click on Upload images when motion detected.
]



7-3-1-3 :Note setting : Future support

7-4 Network setting : Please refer in page 13

7-5 . Audio : You can control audio on /off at Server or Client .



7-6 DDNS : Please refer in Page ?

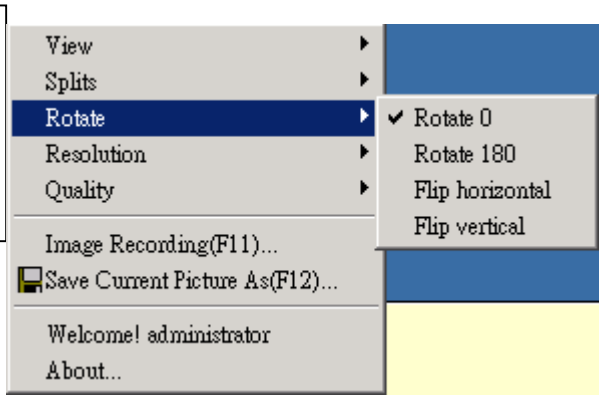
8. Right click function:

When right click mouse, it can also use:

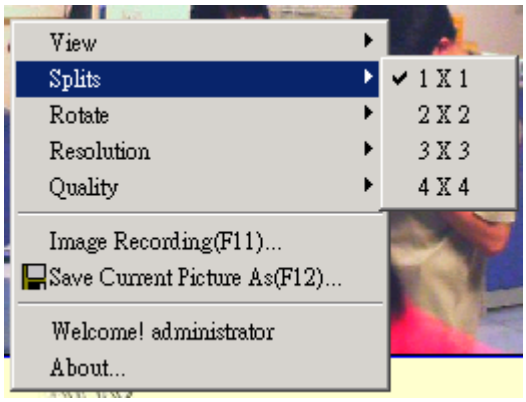
- View
- Splits
- Rotate
- Resolution
- Image Recording
- Save picture

8-1 **View**

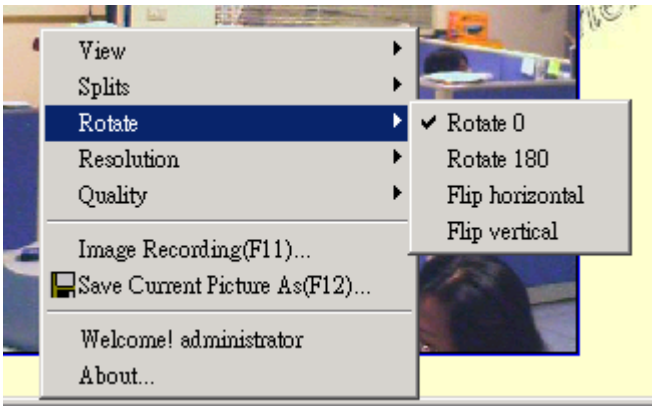
- Resizable: adjust screen size.
- Actual size: default to original size.
- Status Bar: show ip address, and screen size.



8-2 **Split**
- 1x1, 2x2, 3x3, 4x4



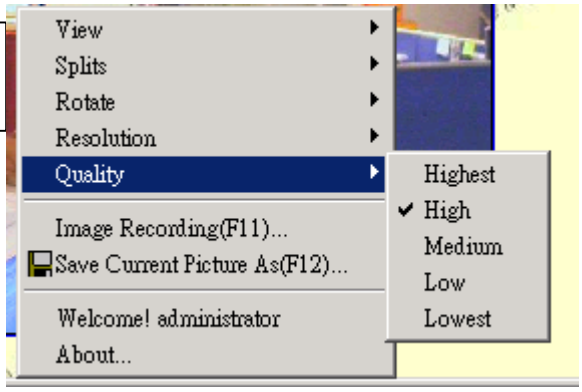
8-3 **Rotate**
- Rotate 0
- Rotate 180
- Flip Horizontal
- Flip Vertical



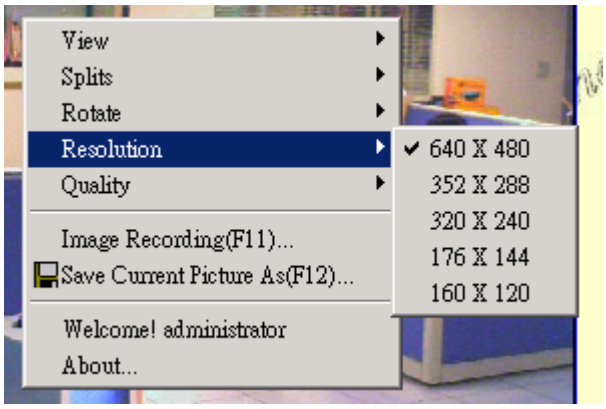
Rotate 0

Rotate 180

8-4 **Resolution**
- 640x480, 320X240, 352X288, 176X144, 160*120

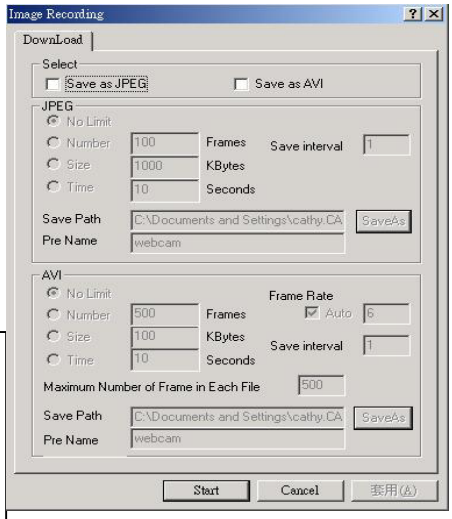


8-5 **Quality :**
Low
High
Medium
Clarity
Motion



8-6 **Image Recording**
- Record images to JPEG and AVI file. Both files can be recorded in the same time.

JPEG: can select how many pictures taken and time frame.



8-6-1 **Recording AVI**
- Select save as AVI, and then select the maximum number of frame in each file.

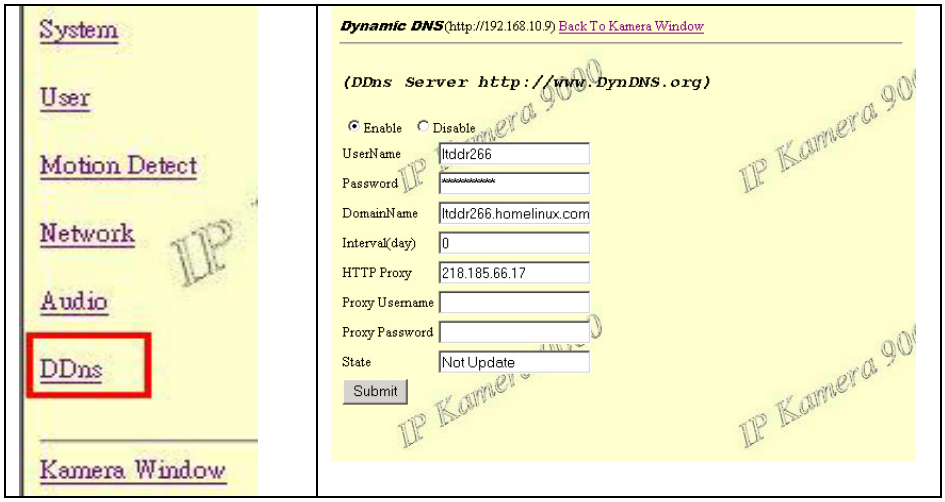
Note: If select No limit, it will continue recording until it used up all memory space.

8-7 **Save current picture as**
- Take a snap shot on current images showed on IP Kamera AP.

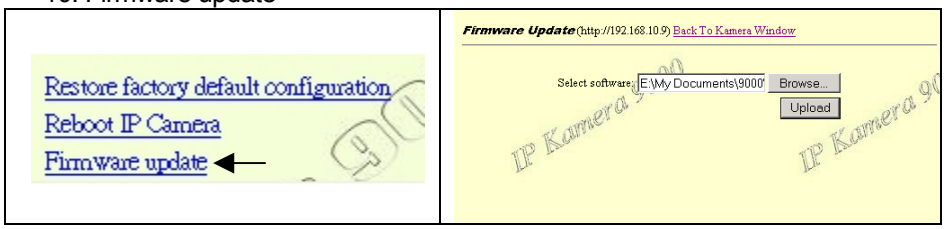
9. Dynamic DNS (DDNS)

When the IP9000A dial up to the Internet network, your IP provided by your ISP is random. So the user may difficult to find your IP9000A because the ip is changing at every time it dial up.

The Dynamic DNS service is provided by www.DynDNS.org for free.
First, user can logon the www.DynDNS.org to apply a domain name for each IP9000A, then fill in the follow textbox with proper user name, password, domain name, proxy server (because some where can not logon the www.DynDNS.org directly, user may find a proxy server first, such as 210.0.212.98). Click **Submit** to confirm the settings. Then, every time the IP9000A dial up to the internet network, it will send a data package including its IP to the www.DynDNS.org, so www.DynDNS.org will set the domain name your have applied before for this IP9000A pointing to this IP.So, user can type the domain name in the IE browser to find the IP9000A without knowing its exact IP.



10. Firmware update



User can update the firmware.
First, click **Firmware update** and it will pop up Firmware Update window.
Then, click **Browser** to select the new firmware.
At last, click **Upload** to update the firmware.

7. Other Functions

1. IP Kamera 9000A can view 9 different IP at the same time.

8. Authorization

In IP Kamera 9000A factory set up: factory setting

Username: administrator

Password: 1234

*Is recommended to change its factory setting password and user name

1. Administrator:

Change Password:

Camera Control:

(Quality) - Low, High, Medium, Clarity, Motion

(Resolution) - 640*480, 352*288, 320*240, 176*144, 160*120

(Frequency) Outdoor, Indoor &50, Indoor&60

(Split) - 1x1, 2x2, 3x3 and 4x4.

(Operation Mode):

Continues

Period: 1-60 sec.

View Log: view visitor IP

Configuration: System, User, Motion detection, Network & DDNS

1-1 Adding camera

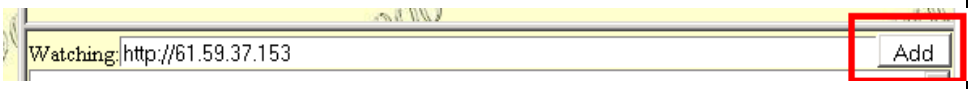
Please add in a different IP in " Watching and press enter"

Note1: please type in **http://** before your IP.

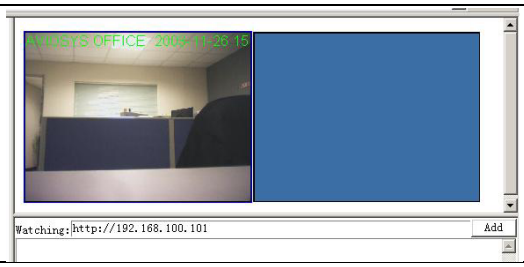
Note2: when selecting different views, it will show different IP addresses in Watching.

A. Add in another IP address

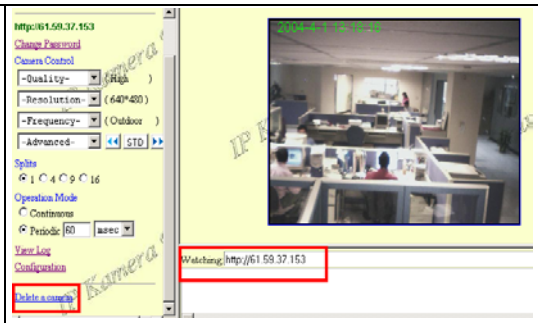
B. Press "ADD" to increase other IP address. The maximum quantities of IP are depending on your PC system. If use P3 system, the maximum is 9pcs IP.



C. Another view open up



1-3 : When decrease camera, please select the camera you want to delete and select "Delete Camera"



2. Visitor Authorization:

Change your own password

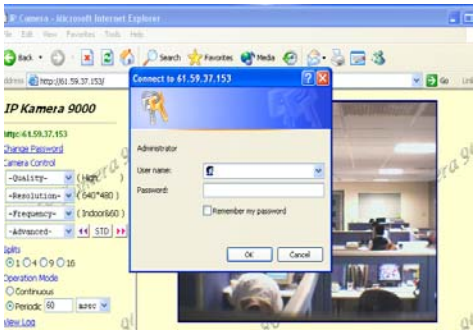
View log: check other visitors IP address

Add ／ delete camera

2-1 USER:
- When non-administrator entered ip addresses to view its AP, it will ask for a user ID and PASSWORD.

2-2
- Users entered IP Kamera 9000's AP, it will automatically request for Administrator's Password. If user or other visitors don't have the rights to use Administrator authorization password, press, "CANCEL" to ignore the inquiry.

Note: IP Kamera AP confirming Administrator



2-3
- Non-administrator enter "system, user, motion detect, and net work" which are under configuration mode, are require to enter administrator name and password to adjust these functions.

9. Caution

FAQ

Q 1: I forgot the ID and password for the administrator account, so I cannot log into the Administration Page.

A1: Make sure IP Kamera 9000A is powered on and press the "reset" button behind IP Kamera 9000A for at least 10 seconds, to help default camera setting to factory setting.

*Note: Factory Administrator ID and Password
ID: Administrator
Password: 1234

Q 2: The Web Kamera does not launch?

A2: Upgrade Internet Explorer to 5.0 or higher version.
Sometimes the web camera base cannot bring 'index.html' from the web Camera when the Internet Explorer version is under 4.0. And remember to adjust Internet default level to low when launching IP Camera's AP for the first time.

Q 3: The Image recording cannot stop immediately?

A 3: If your IP is virtual IP, than it will not be happened. If your IP is true IP (EX: PPPoE or FIX IP….), than it might be happened. You need to wait for a second and it will be return to normal.